

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: MUH-12777 Appl. No.: Applicant: GEORG SCHMIDT ET AL. Filing Date: September 22, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J	98/25263	6/11/98	WIPO			
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>ah</i>		Schmidt, G. et al.: "Spin Injection Into Semiconductors, Physics and Experiments", Institute of Physics Publishing, Semicond. Sci. Technol., IOP Publishing Ltd, Vol. 17, April 2002, pp. 310-321					
<i>ah</i>		Daughton, J. M. et al.: "Applications of Spin Dependent Transport Materials", J. Phys. D: Appl. Phys., IOP Publishing Ltd, Vol. 32, November 21, 1999, pp. R169-R177					
EXAMINER <i>Andrew Murray</i>				DATE CONSIDERED <i>09/12/04</i>			

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: MUH-12777 Appl. No.: Applicant: GEORG SCHMIDT ET AL. Filing Date: September 22, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J						
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>ah</i>		Datta, S. et al.: "Electronic Analog of the Electro-Optic Modulator", Applied Physics Letters, Vol. 56, No. 7, February 12, 1990, pp. 665-667					
<i>ah</i>		Oestreich, M. et al.: "Spin Injection Into Semiconductors", Applied Physics Letters, American Institute of Physics, Vol. 74, No. 9, March 1, 1999, pp. 1251-1253					
EXAMINER <i>Andy Thurn</i>				DATE CONSIDERED <i>09/12/04</i>			

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: MUH-12777 Appl. No.: Applicant: GEORG SCHMIDT ET AL. Filing Date: September 22, 2003 Group Art Unit:			
--	--	--	--	---	--	--	--

EXAMINER INITIALS	A	PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENT							
	J	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES/NO
	J						
	K						
	L						
	M						
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>ah</i> <i>ah</i>	Fiederling, R. et al.: "Injection and Detection of a Spin-Polarized Current in a Light-Emitting Diode", Nature, www.nature.com , Vol. 402, December 16, 1999, pp. 787-790 Oestreich, M.: "Injecting Spin Into Electronics", Nature, www.nature.com , Macmillan Magazines Ltd, Vol. 402, December 16, 1999, pp. 735-737
EXAMINER <i>Anders M. ...</i>	DATE CONSIDERED <i>09/02/04</i>